

Human glucocorticoid receptor-beta ELISA Kit | GR-beta elisa kit

Human glucocorticoid receptor-beta ELISA Kit

CATALOG #
AAA82690

REACTIVITY
Human

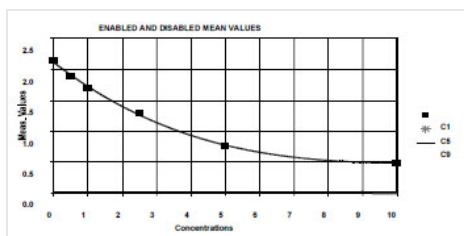
PRODUCT SYNONYMS

glucocorticoid receptor-beta; Human glucocorticoid receptor-beta ELISA Kit; glucocorticoid receptor-b; glucocorticoid receptor-beta (Human); GR-beta elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Cell culture fluid & body fluid & tissue homogenate Serum or blood plasma
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GR-beta elisa kit

For Samples: Cell culture fluid & body fluid & tissue homogenate serum or blood plasma

Intended Uses: This GR-beta ELISA kit is intended for laboratory research use only. The stop solution changes the color from blue to yellow and the intensity of the color is measured at 450 nm using a spectrophotometer. In order to measure the concentration of GR-beta in the sample, this GR-beta ELISA Kit includes a set of calibration standards. The calibration standards are assayed at the same time as the samples and allow the operator to produce a standard curve of Optical Density versus GR-beta concentration. The concentration of in the samples is then determined by comparing the O.D. of the samples to the standard curve.

Principle of the Assay: The coated well immunoenzymatic assay for the quantitative measurement of GR-beta utilizes a polyclonal anti-GR-beta antibody and an GR-beta-HRP conjugate. The assay sample and buffer are incubated together with GR-beta -HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the GR-beta concentration since GR-beta from samples and GR-beta-HRP conjugate compete for the anti-GR-beta antibody binding site. Since the number of sites is limited, as more sites are occupied by GR-beta from the sample, fewer sites are left to bind GR-beta-HRP conjugate. Standards of known GR-beta concentrations are run concurrently with the samples being assayed and a standard curve is plotted relating the intensity of the color (O.D.) to the concentration of GR- beta . The GR- beta concentration in each sample is interpolated from this standard curve.

Product Categories/Family for GR-beta elisa kit

[Human ELISA Kit](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	66528642
NCBI GeneID	2908
NCBI Accession #	NP_001018661.1
NCBI GenBank Nucleotide #	NM_001020825.1
UniProt Accession #	P04150; P04151; Q53EP5; Q6N0A4; B0LPG8; D3DQF4; Q3MSN1; Q3MSN4
Molecular Weight	85,659 Da
NCBI Official Full Name	glucocorticoid receptor isoform beta
NCBI Official Synonym Full Names	nuclear receptor subfamily 3, group C, member 1 (glucocorticoid receptor)
NCBI Official Symbol	NR3C1
NCBI Official Synonym Symbols	GR; GCR; GRL; GCCR
NCBI Protein Information	glucocorticoid receptor; OTTHUMP00000160084; OTTHUMP00000160085; OTTHUMP00000222851; OTTHUMP00000222854; OTTHUMP00000222855; OTTHUMP00000222858; glucocorticoid nuclear receptor variant 1; nuclear receptor subfamily 3 group C member 1
UniProt Protein Name	Glucocorticoid receptor
UniProt Gene Name	NR3C1
UniProt Synonym Gene Names	GRL
UniProt Entry Name	GCR_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/gr-beta-human-elisa-kits/glucocorticoid-receptor-beta/82690>